

CLAIMS

1. A reproduction apparatus comprising:

broadcast signal receiving means for receiving a broadcast signal of a specific frequency;

broadcast signal reproduction means for reproducing the broadcast signal received by said broadcast signal receiving means;

request information transmitting means for transmitting request information for requesting associated information of a broadcast station which is different from the broadcast station being reproduced by said broadcast signal reproduction means;

associated information receiving means for receiving the associated information corresponding to said request information; and

associated information display means for displaying the associated information received by said associated information receiving means.

2. The reproduction apparatus according to claim 1, wherein

a broadcast station name, a frequency and a call sign are pre-stored in association with one another, the broadcast signal of the frequency of the broadcast station selected by a first operation is received, the broadcast signal is reproduced, said request information including the call sign of the broadcast

station selected by said first operation is transmitted, the associated information is received, the associated information is displayed, said request information including the call sign of the broadcast station selected by a second operation is transmitted, the associated information is received, and a display is changed.

3. The reproduction apparatus according to claim 2, wherein a reception frequency is switched by a third operation.

4. The reproduction apparatus according to claim 1, wherein:
a plurality of said request information including pre-stored call signs of a plurality of the broadcast stations are transmitted at a certain interval of time, and each associated information is received; and

said associated information display means displays the received associated information at once.

5. The reproduction apparatus according to claim 1, wherein
said associated information display means displays indication of whether or not displaying the associated information of the broadcast station from which the broadcast signal is being received.

6. A reproduction method comprising:
a broadcast signal receiving step of receiving a broadcast

signal of a specific frequency;

a broadcast signal reproduction step of reproducing the received broadcast signal;

a request information transmitting step of transmitting request information for requesting associated information of a broadcast station which is different from the broadcast station being reproduced;

an associated information receiving step of receiving the associated information corresponding to said request information; and

an associated information display step of displaying the received associated information.

7. The reproduction method according to claim 6 wherein

a broadcast station name, a frequency and a call sign are pre-stored in association with one another, the broadcast signal of the frequency of the broadcast station selected by a first operation is received, the broadcast signal is reproduced, said request information including the call sign of the broadcast station selected by said first operation is transmitted, the associated information is received, the associated information is displayed, said request information including the call sign of the broadcast station selected by a second operation is transmitted, the associated information is received, changing a display is changed.

8. The reproduction method according to claim 7, wherein a reception frequency is switched by a third operation.

9. The reproduction method according to claim 6, wherein a plurality of said associated information including pre-stored call signs of a plurality of the broadcast stations are transmitted at a certain interval of time, each associated information is received, and the received associated information is displayed at once.

10. The reproduction method according to claim 6, wherein indication of whether or not displaying the associated information of the broadcast station from which the broadcast signal is being received is displayed.

11. The reproduction method according to claim 6, wherein:

a terminal apparatus which receives the broadcast signal is capable of communicating with an authentication server having an authentication function and an associated information provision server providing the associated information;

said terminal apparatus transmits the request information and a service session ID to said associated information provision server, said request information for requesting the associated information of the broadcast station which is different from the

broadcast station being reproduced, said service session ID being used as a session ID for said associated information provision server;

said terminal apparatus receives information indicating an authentication error and service identification information identifying said associated information provision server;

said terminal apparatus transmits authentication ticket issuance request information and an authentication session ID to said authentication server, said ticket issuance request information for requesting an issue of an authentication ticket to be used to access said associated information provision server, said authentication session ID being used as a session ID for said authentication server;

said terminal apparatus receives the authentication ticket issued by said authentication server when the authentication is permitted by said authentication server, and transmits authentication request information and said authentication ticket to said associated information provision server;

said terminal apparatus receives the service session ID when the authentication is permitted by said associated information provision server, said service session ID being used as a session ID for said associated information provision server;

said terminal apparatus transmits the request information for requesting said associated information and said received service session ID to said associated information provision

server; and

said terminal apparatus receives the associated information corresponding to said request information when the authentication is permitted by the associated information provision server.

12. The reproduction method according to claim 11, comprising the steps of:

receiving information that indicates the authentication error when the authentication conducted by said authentication server becomes an error, and transmitting a user ID and a password to said authentication server;

receiving the authentication session ID when the authentication of said user ID and said password is permitted by said authentication server, said authentication session ID being used as a session ID for the authentication server; and

transmitting said authentication ticket issuance request information and said authentication session ID to said authentication server.

13. A program for causing a computer to execute processing of:

receiving a broadcast signal of a specific frequency;

reproducing the received broadcast signal;

transmitting request information for requesting associated information of a broadcast station which is different from the broadcast station being reproduced;

receiving the associated information corresponding to said
request information; and

displaying the received associated information.